

SYMMETRICAL INDUCTOR

Abstract

A symmetrical inductor includes a first metal layer, the first metal layer having a first conductive segment disposed on a first side of a line, and a second conductive segment disposed on a second side of the line, the second conductive segment and the first conductive segment being symmetrical to the line; a second metal layer, the second metal layer having a third conductive segment disposed on the first side of the line, and a fourth conductive segment disposed on the second side of the line, the fourth conductive segment and the third conductive segment being symmetrical to the line; a first contact plug for connecting the first conductive segment with a first end of the third conductive segment; a second contact plug for connecting the first conductive segment with a second end of the third conductive segment; a third contact plug for connecting the second conductive segment with a first end of the fourth conductive segment, the third contact plug and the first contact plug being symmetrical to the line; and a fourth contact plug for connecting the second conductive segment with a second end of the fourth conductive segment, the fourth contact

plug and the second contact plug being symmetrical to the line.